

IN THE CLAIMS:

1-15. (Cancel)

16. (New) A monitoring device for a rechargeable personal portable device of the type having a main body to which is attached a display, said monitoring device being coupled to a portion of said main body at least temporarily and including at least one optical device provided for calibrating the display, the monitoring device serving to recharge a battery of the personal portable device.

17. (New) A monitoring device according to claim 16, wherein said optical device comprises a light sensor.

18. (New) A monitoring device according to claim 17, wherein said light sensor is spaced away from said display during monitoring of the display by monitoring device.

19. (New) A monitoring device according to claim 17, wherein said light sensor is a camera.

20. (New) A monitoring device according to claim 17, wherein said portable device is a laptop computer and said sensor is a camera.

21. (New) A monitoring device according to claim 17, wherein said sensor is a camera having a lens with an optical axis, the camera having a sensor array the plane of which is oblique to the optical axis.

22. (New) A monitoring device according to claim 17, wherein said portable device has a main body with a hinge for a display at one end of the main body and wherein said sensor is a camera placed near an opposite end of the main body.

23. (New) A monitoring device according to claim 16, wherein said monitoring device is a cradle.

24. (New) A monitoring device according to claim 16, wherein a pixel of said display is driven so that its emitted light is modulated and wherein the modulated light is detected by means selective to the modulation.

25. (New) A monitoring device according to claim 16, wherein a pixel of said display is driven so that its emitted light is modulated by a repetitive signal and wherein the modulated light is detected by means selective to the repetition rate of said signal.

26. (New) A monitoring device according to claim 25, wherein said camera is of lower resolution than said display.

27. (New) A monitoring device according to claim 16, wherein said monitoring device comprises an electrical connector carrying an optical device used for calibration of said display.

28. (New) A monitoring device according to claim 16, wherein said display is an OLED display.

29. (New) A monitoring device according to claim 16, wherein said optical device comprises a reflector serving to reflect light from the display towards a light sensor.

30. (New) A monitoring device according to claim 16, wherein said optical device is a light-guide serving to direct light from the display to a light sensor.

31. (New) A rechargeable personal portable device comprising: a body having first and second outer sides, opposite each other; a display hinged to said body at said first side; an optical monitoring device mechanically coupled, at least temporarily, to a portion of the body that is at or in the vicinity of said second side, the optical monitoring device serving in recalibrating the display.

32. (New) A portable device according to claim 31, wherein the optical monitoring device comprises a light sensor.

33. (New) A portable device according to claim 32, wherein the optical monitoring device comprises a connector used in charging a battery of the portable device.

34. (New) A portable device according to claim 32, wherein said display is an OLED display and wherein said light sensor is a camera.

35. (New) A portable device according to claim 34, wherein said camera protrudes from said body during re-calibration and can be retracted into the body during normal use of the portable device.

36. (New) A portable device according to claim 32, wherein said body comprises a keyboard.